

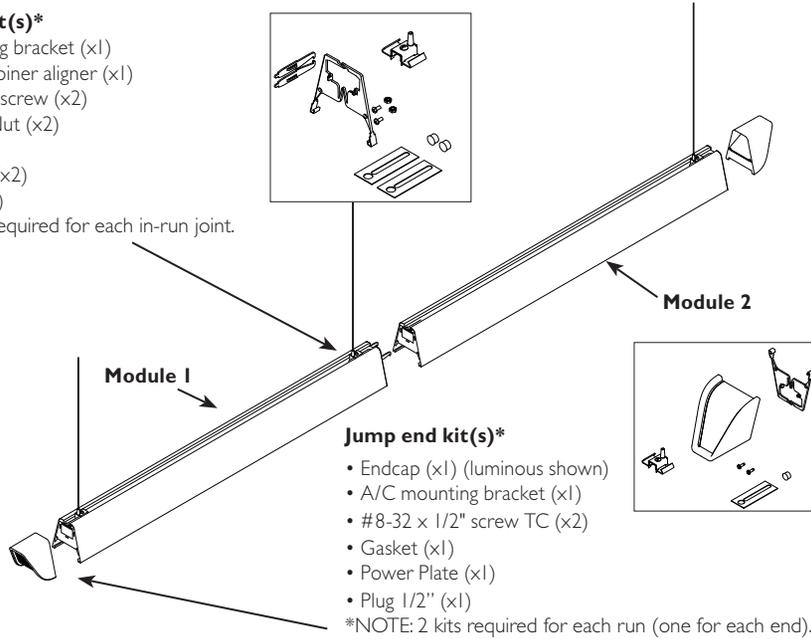
System Overview

These instructions review how to install Jump suspended fixtures. Jump 4ft and 8ft modules can be installed as individual standalone units, or they can be joined together to create continuous runs. The graphic below shows the components required to install a typical run of Jump suspended fixtures.

Jump joint kit(s)*

- A/C mounting bracket (x1)
- Break apart joiner aligner (x1)
- #8-32 x 1/2" screw (x2)
- #8-32 Hex Nut (x2)
- Gasket (x1)
- Power Plate (x2)
- Plug 1/2" (x2)

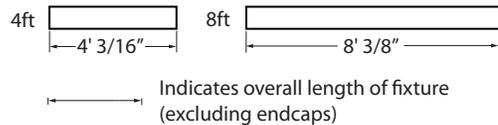
*NOTE: 1 kit required for each in-run joint.



TOOLS REQUIRED: Philips screwdriver, 3/8" nut driver.

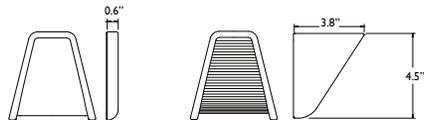
Module Lengths

Jump suspended systems come in 4ft and 8ft modules. Overall module lengths are shown below. Module lengths do not include endcaps.



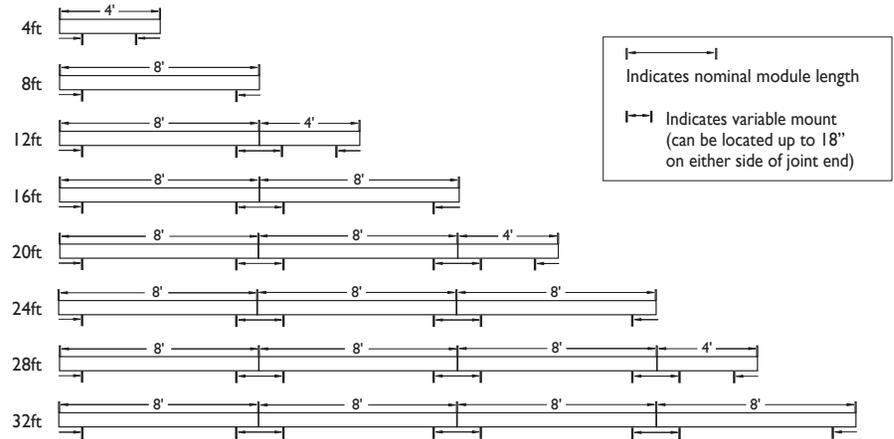
Endcaps

Add two endcaps to the length of each run.



Mount Spacing

For on-grid T-Bar ceiling installations, mounts attach directly to T-Bar. For non-accessible ceilings and off-grid T-bar installations, the graphic below indicates mount spacing for typical run lengths.



Run Configurations

The tables below indicate how 4ft and 8ft modules can be combined to create continuous runs of various lengths.

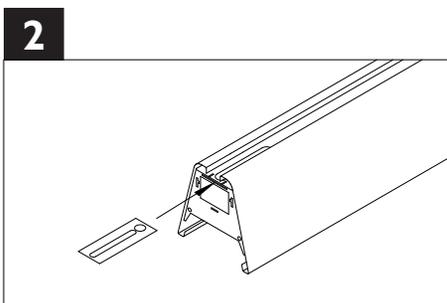
Nominal Row Length	Number of Modules Required		Installed Row Length <i>(not including end caps)</i>
	4'	8'	
4'	1x		4' - 3/16"
8'		1x	8' - 3/8"
12'	1x	1x	12' - 9/16"
16'		2x	16' - 3/4"
20'	1x	2x	20' - 15/16"
24'		3x	24' 1 - 1/16"
28'	1x	3x	28' 1 - 1/4"
32'		4x	32' 1 - 7/16"
36'	1x	4x	36' 1 - 5/8"
40'		5x	40' 1 - 13/16"
44'	1x	5x	44' 1"
48'		6x	48' 2 - 3/16"

Nominal Row Length	Number of Modules Required		Installed Row Length <i>(not including end caps)</i>
	4'	8'	
52'	1x	6x	52' 2 - 3/8"
56'		7x	56' 2 - 9/16"
60'	1x	7x	60' 2 - 11/16"
64'		8x	64' 2 - 7/8"
68'	1x	8x	68' 3 - 1/16"
72'		9x	72' 3 - 1/4"
76'	1x	9x	76' 3 - 7/16"
80'		10x	80' 3 - 5/8"
84'	1x	10x	84' 3 - 13/16"
88'		11x	88' 3"
92'	1x	11x	92' 4 - 3/16"
96'		12x	96' 4 - 3/8"
100'	1x	12x	100' 4 - 1/2"

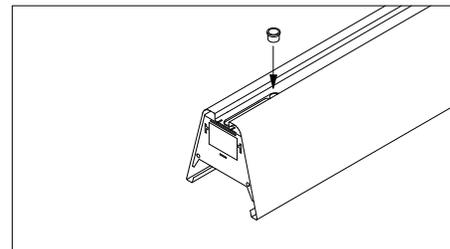
*Overall run lengths provided do not include endcaps. Add two endcaps to the overall length of each run.

1 Prepare Fixtures / Install ceiling mounting components

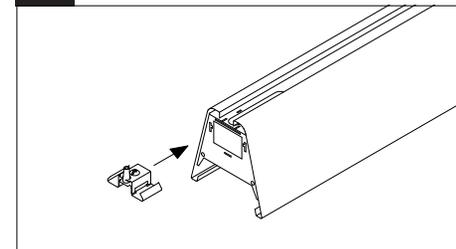
Arrange boxed fixtures on floor in specified mounting locations; remove fixtures from boxes. Install all ceiling mounting components and vertical aircraft cables using separate installation instructions for Aircraft Cable Mounting (supplied).



Slide in power cover and install bushing (power location) or plug (non-power location) on both ends. Install one gasket per joint.



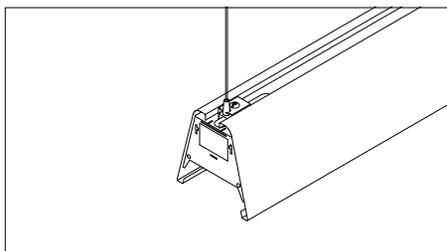
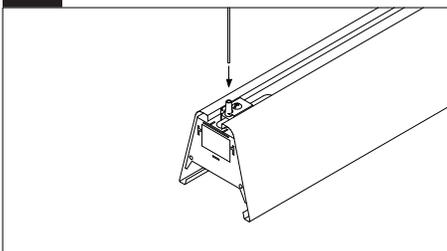
3 Install Aircraft Cable brackets



Slide A/C mounting bracket into mounting channel to the mounting position, and tighten locking bracket until screw is tight. **Mounting position can be up to 18" from end.**

If desired mounting location is directly over a joint, position A/C bracket and lock in a position first where all teeth engage into channel, then move into correct position after 2nd fixture is installed.

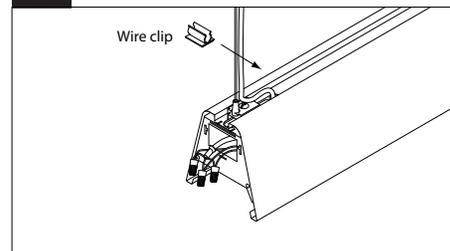
4 Suspend and Level First Fixture



With two people, raise first fixture to ceiling. At each end of fixture, insert aircraft cable through aircraft cable adjuster (located on A/C mounting bracket). The adjuster will automatically grip and hold the cable.

IMPORTANT: Do not force cable into adjuster. See instruction **A** (next page) for details. To level fixture, support fixture from below and use supplied aircraft cable release tool to make fine height adjustments.

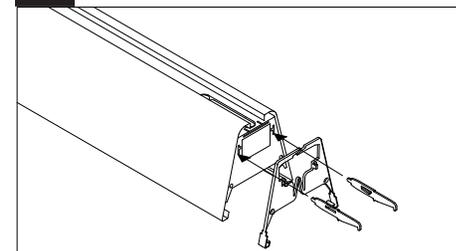
5 Attach Clips and Tuck Wires



POWER LOCATIONS: Attach cable clips at 4" increments between power drop and bushing in power cover. Feed power cord through bushing (shown above). Complete electrical connections using wire nuts (supplied by others). Tuck wires into wire cavity.

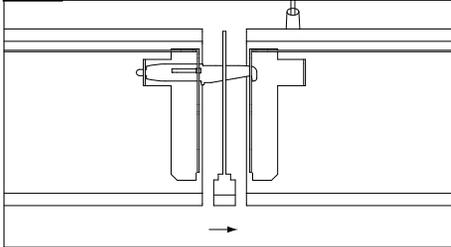
NON-POWER LOCATIONS: Cap all wires and tuck into wire cavity.

6 Install Joiner Aligners



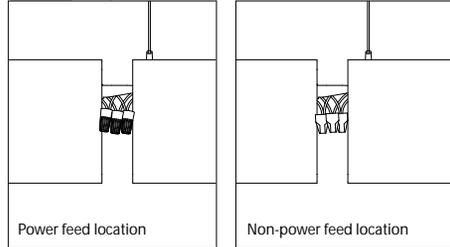
Slide joiner aligner brackets into corresponding slots in fixture cross plate.

7 Suspend and Join Additional Fixtures to Create Row



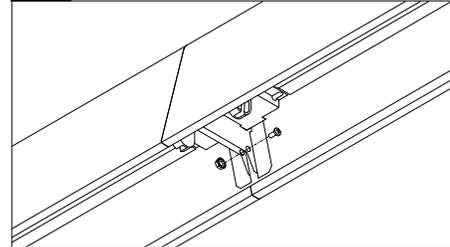
With two people, raise second fixture to ceiling. At end of fixture (opposite joint), insert aircraft cable through adjuster. At joint, rest fixture on in-run joiner bracket. **IMPORTANT:** Do not attempt to join fixtures on floor. Instead, hang one fixture at a time and join modules at ceiling level.

8 Complete Electrical Connections at Joints



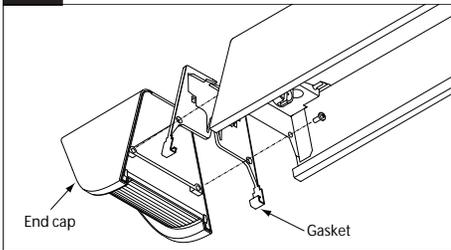
Complete in-run electrical connections. **NON-POWER LOCATIONS** (shown above): Use supplied quick-wire connectors. Tuck wires into wire cavity. **POWER LOCATIONS:** Feed power cord through bushing in bracket. Use wire nuts (supplied by others) to complete connections. Tuck wires into wire cavity.

9 Secure Joints and Level all Fixtures



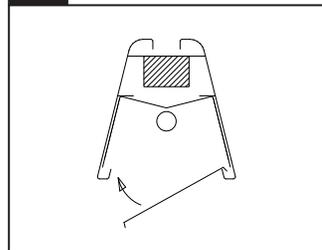
Slide modules together; secure joint from below using supplied nut and screw hardware (requires Phillips driver). **IMPORTANT:** Ledalite recommends tightening fasteners by hand. When joining modules, ensure screw is tightened snug plus an additional 1/4 turn. **LEVEL FIXTURE:** See **A** below. Repeat STEPS 4-7 for each additional fixture in row.

10 Install endcaps



Snap on the gasket to the end of the fixture and attach end caps using supplied #8 screws.

11 Finishing



Install lenses as shown.

Aircraft cable adjustment

IMPORTANT: Do not force cable into adjuster. To insert cable into adjuster, follow the steps below.

1. CUT

If required, cut cable ends cleanly prior to inserting into adjuster. Recommended cutters: K.K. Porter cable cutter cat. No. 0690TN or Klein all purpose shears cat. No. 1104.

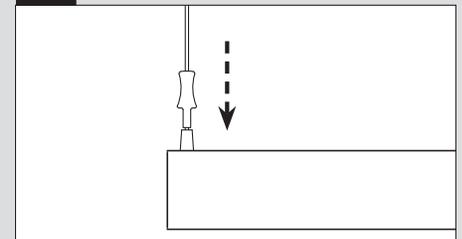
2. INSERT

Carefully insert cable into tapered end. If cable does not insert easily or becomes jammed during insertion, use the release tool to remove cable. Trim end again and repeat process. **DO NOT BEND CABLE BELOW BOTTOM OF ADJUSTER.**

3. TEST

Once cable is inserted, apply a 25lb point load to each mount bracket to ensure all connections are secure.

A Level vertically



LEVEL VERTICALLY (shown above): Support fixture from below and use supplied aircraft cable release tool to make fine height adjustments (see instruction A for details).

NOTE: Ensure fixture is level end-to-end. Support fixture from below and use supplied aircraft cable release tool to make fine height adjustments.